Curriculum Development Using AIM

Overview

- AIM significantly automates the curriculum development process.
- Learning objects are assembled in a structured manner that maintains their instructional integrity.
- The objective of AIM is to automate curriculum development using a proven Systems Approach to the development process.
- Data is entered once and used many times, as needed.
- AIM documents are directly related to the output of the associated phase in the Systems Approach to Training.

AIM Output Formats

- AIM generated curricula can be distributed in a variety of usable formats including:
  - HyperText Markup Language (HTML)
  - Standard Generalized Markup Language (SGML)
  - Portable Document Format (PDF)
  - Portable Digital Assistant (PDA)
  - eXtensible Markup Language XML (SCORM Compliant), and
  - Paper - for the traditionalist

Two Versions of AIM

- AIM I (PPP Based)
  - Training Project Plans
  - Personnel Performance Profiles/Training Path Systems
  - Learning Objectives
  - Course Control Documents
  - Curriculum Outlines of Instruction (COI)
  - Course Master Schedules
  - Lesson Plans and Trainee Guides
- AIM II (Task Based)
  - Training Project Plans
  - Course Training Task Lists
  - Learning Objectives
  - Tests and Test Plans
  - Course Control Documents
  - Curriculum Outlines of Instruction (COI)
  - Course Master Schedules
  - Lesson Plans and Trainee Guides

Data Flow Within AIM (Starting a New Course)

- New courses are initiated by developing a Training Project Plan (TPP).
  - The entire TPP does NOT need to be developed unless your unit requires this step.
  - The TPP contains course specific information and resource requirements.
    - Course Number
    - Title
    - Etc.

Course Training Task List (CTTL)

- The CTTL is a list of the Duties and Tasks to be taught in your course.
  - Duty - Major division/unit of your course
  - Tasks - Smaller, discreet observable steps to be completed in order to accomplish the duty.

Learning Objectives

- LOs are built directly from the supporting duty or task. AIM LOs contain:
  - Behavior -
  - Condition -
  - Standard (s) -

Curriculum Outline of Instruction (COI)

- The COI is where the developer sequences the objectives into a logical layout of units and topics for presentation.

Lesson Plan

- Initial structure is built automatically from previously entered data.
- User can customize the presentation by adding:
  - references
  - related instructor activities

Trainee Guide

- Contains instructional sheets to assist the student in acquiring the course information.
  - Information sheets
  - Diagram sheets
  - Assignment sheets
  - Problem sheets
  - Outline sheets
  - Job sheets

Contact Information

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